



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification <sup>6</sup> : <b>B41K 1/40, 1/04</b></p>	<p><b>A1</b></p>	<p>(11) International Publication Number: <b>WO 99/28132</b></p> <p>(43) International Publication Date: 10 June 1999 (10.06.99)</p>
<p>(21) International Application Number: PCT/IT98/00332</p> <p>(22) International Filing Date: 23 November 1998 (23.11.98)</p> <p>(30) Priority Data: 2771/97 1 December 1997 (01.12.97) CH</p> <p>(71) Applicant (for all designated States except US): DONAFIN ESTABLISHMENT [LI/LI]; FL-9495 Triesen (LI).</p> <p>(72) Inventor; and</p> <p>(75) Inventor/Applicant (for US only): CHICHONI, Carlos, Alberto [AR/IT]; Vicolo I°, 37, I-62100 Macerata (IT).</p> <p>(74) Agent: BALDI, Claudio; Piazza Ghislieri, 3, I-60035 Jesi (IT).</p>		<p>(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p><b>Published</b> With international search report.</p>
<p>(54) Title: SELF-INKING STAMP WITH A PLURALITY OF STAMPING SURFACES</p> <div data-bbox="389 1113 1201 1701"> </div> <p>(57) Abstract</p> <p>The multiple self-inking stamp holder comprises a handle (1) that houses the body (2) able to slide telescopically with manual pressure, on which the extractable pad holder (3) and the pad (4) are located. The stamp (5) is glued to the stamp holder (6) with triangular cross section containing in this case three stamps, one on each side, that is blocked in place by multi-functional pins (7 and 8) used to hold the various components together. The springs (9) are used to bring all moving parts to the original position after each stamp, as well as to guarantee the correct pressure between the stamp and the pad for uniform inking.</p>		

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### Description

#### SELF-INKING STAMP WITH A PLURALITY OF STAMPING SURFACES

This industrial invention relates to a multiple self-inking stamp holder designed to house several stamps that can be selected as necessary by means of a selector.

5 As known, from ancient times stamps either with writings or marks were built or mounted on a handle with different shapes and a separate ink-pad. In the last decades self-inking stamps, that is stamps with automatic inking operation, have been developed. Although portable, these stamps may prove unpractical when carried around in a considerable number.

10 The purpose of the present invention is to make an easy-to-use compact stamp holder designed to house several stamps featuring the automatic inking operation thanks to a selector used to select the desired stamp.

According to the present invention, the multiple self-inking stamp holder is able to reach this and many other purposes.

15 The characteristics and advantages of the invention will become evident from the description of a preferred embodiment - not exclusive - that is illustrated only with an explanatory, not restrictive purpose. The drawing shows a perspective view with partial cross-section as in figure 1.

20 The multiple self-inking stamp holder comprises a handle (1) that houses the body (2) able to slide telescopically with manual pressure, on which the extractable pad holder (3) and the pad (4) are located. The stamp (5) is glued to the stamp holder (6) with triangular cross-section containing in this case three stamps - one on each side - that is blocked in place by multi-functional pins (7) and (8) used to hold the various components together.

25 The springs (9) are used to bring all moving parts to the original position after each stamp, as well as to guarantee the correct pressure between the stamp and the pad for uniform inking.

Figure 2 shows the turning mechanism of the stamp holder (6) with

the particular shape (8a) that is manually pushed to match with part (2a) to cause the rotation and displacement of the shape in the two directions along the axis of the groove (2b).

5      Figure 3 shows the pin (7) that also acts as selector. It can be partially extracted manually along its axis to clear the triangular part of the pin (8b) and allow it to rotate freely to select the desired stamp. It can be put back in place so that when it is in the upper position the stamp gets the ink and when it moves along the groove (2b) the stamp rotates by 180° and stamps.

Claims

- 1) Multiple self-inking stamp holder comprising:
- a handle (1) that houses the body (2) able to slide telescopically which contains the extractable pad holder (3) and the pad (4);
  - a stamp holder (6)
- 5    - return springs (9) located between the handle (1) and the body (2)
- means used to turn the stamp holder (6) by 180° during the stroke of the handle (1) outside the body (2),
- characterized in that the stamp holder (6) is shaped like a right prism with three or more lateral sides, with a different stamp (5) applied on each lateral
- 10    side, while on the two opposed bases of the stamp holder (6) a first pin (7) and a second pin (8) are applied to hold the various components together, with the first pin used to select one of the stamps (5) and the second pin to create the turning movement of the stamp holder (6).
- 2) Multiple self-inking stamp holder as per claim (1), characterized in that the
- 15    second pin (8) slides inside a groove (2b) of the body (2) and features a first section (8a) with a special shape that is matched to the detail (2a) of the above mentioned slot (2b) to make the stamp holder rotate by 180° in the two directions.
- 3) Multiple self-inking stamp holder as per claim (1), characterized in that the
- 20    first pin (7) features a second section (8b) with polygonal cross-section with a number of sides equal to the stamp holder (6) that is inserted – with the possibility of being removed – into a hole drilled on the stamp holder (6).
- 4) Multiple self-inking stamp holder as per claim (1), characterized in that the
- 25    first pin (7) slides inside a groove of the body (2), identical and opposed to the above mentioned groove (2b) and can be manually extracted along its axis, together with the stamp holder (6) until the second section (8) of the pin (8) is displaced from its housing.

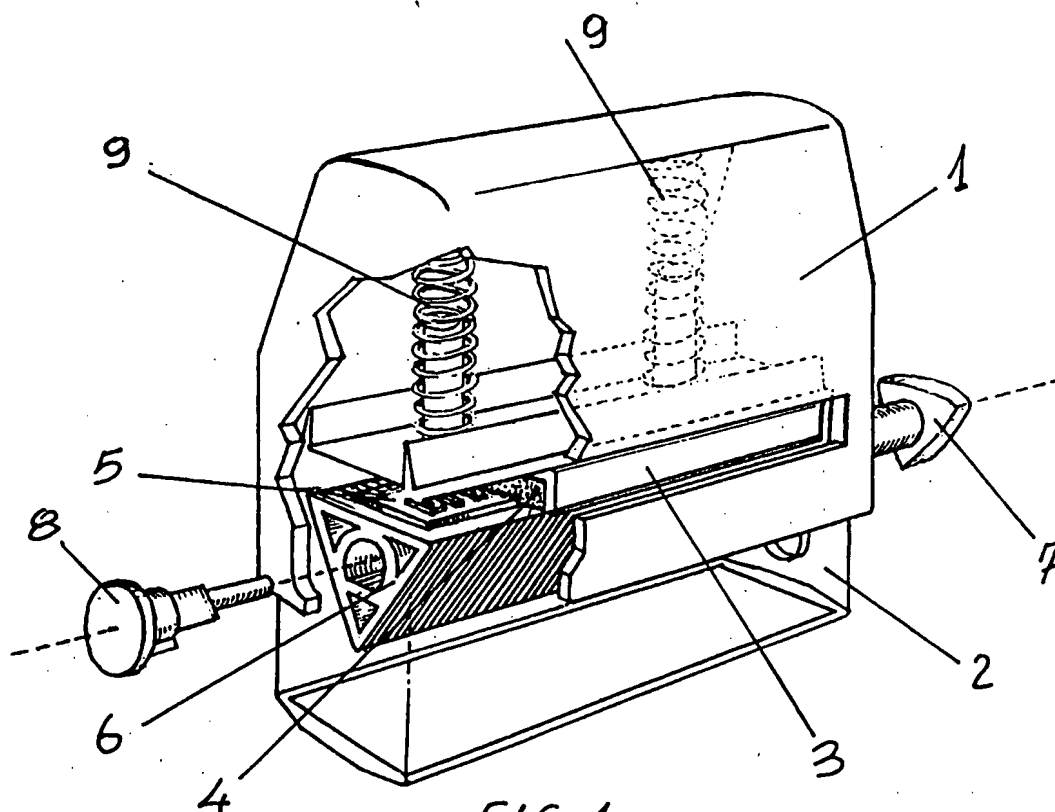


FIG. 1

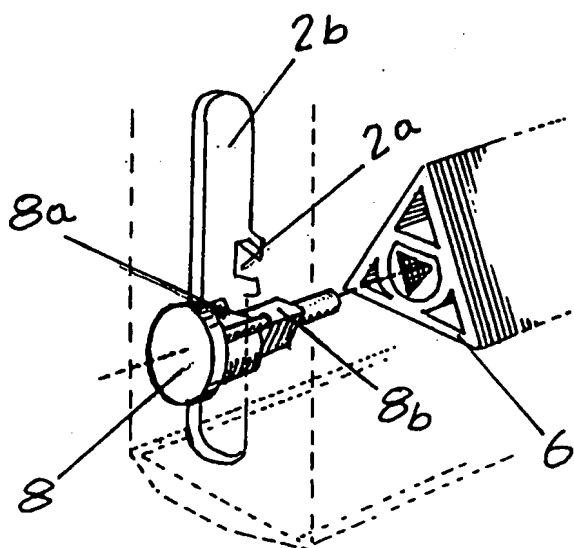


FIG. 2

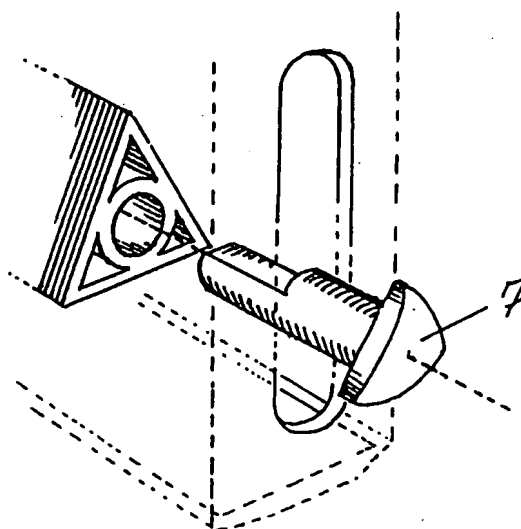


FIG. 3

# INTERNATIONAL SEARCH REPORT

In ational Application No

PCT/IT 98/00332

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 6 B41K1/40 B41K1/04

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 B41K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2 829 594 A (GOC STANLEY) 8 April 1958 see column 5, line 6 - column 6, line 26; figures	1,2
X	DE 26 21 899 A (RUBIO ANSELME) 1 December 1977 see page 6, line 33 - page 9, line 11; figures	1
A	US 4 432 281 A (WALL ALEXANDER C ET AL) 21 February 1984 see abstract; figures	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

17 March 1999

Date of mailing of the international search report

26/03/1999

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IT 98/00332

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2829594 A	08-04-1958	NONE	
DE 2621899 A	01-12-1977	NONE	
US 4432281 A	21-02-1984	NONE	

Form PCT/ISA210 (patent family annex) (July 1992)